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Notice of Allowability	Application No.	Applicant(s)	
	09/921,758	TAUNTON, MARK	
	Examiner	Art Unit	
	YOUNG T. TSE	2637	

-- **The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**
 All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 28 November 2005.
2. ☒ The allowed claim(s) is/are 1-27.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Jon E. Wright on February 17, 2006.

The application has been amended as follows:

In claim 1, lines 8 and 10, "the peak amplitude" and "the buffered symbol" have been changed to "a peak amplitude" and "the symbol", respectively.

In claim 5, line 2, "preprocessed data" has been changed to "the preprocessed data".

In line 2 of both claims 7 and 8, "a symbol" has been changed to "the preprocessed data".

In claim 10, line 2, "fast bytes" has been changed to "the fast bytes".

In claim 16, line 2, "a data cell with an idle cell" has been changed to "a data ATM cell with an idle ATM cell".

In claim 17, line 5, "transforming" has been changed to "inverse Fourier transforming"; line 7, "the peak amplitude" has been changed to "a peak amplitude"; and lines 9-11, the phrase "and carrying out subsequent intermediate processing stages and the transforming step on the amended intermediate data" has been changed to "carrying out subsequent intermediate processing stages on the amended intermediate

data to regenerate preprocessed data, inverse Fourier transforming the regenerated preprocessed data to obtain a regenerated symbol, and replacing the symbol with the regenerated symbol”.

In claim 18, line 5, “transforming” has been changed to “inverse Fourier transforming”; line 8, “the peak amplitude” has been changed to “a peak amplitude”; and lines 10-11, the phrase “and carrying out subsequent intermediate processing stages and the transforming step on the amended intermediate data” has been changed to “carrying out subsequent intermediate processing stages on the amended intermediate data to regenerate preprocessed data, inverse Fourier transforming the regenerated preprocessed data”.

In claim 20, lines 8 and 10, “the peak amplitude” and “the buffered symbol” have been changed to “a peak amplitude” and “the symbol”, respectively and line 12, “carrying out the” has been changed to “carrying out”.

In claim 22, line 3, “peak amplitude” has been changed to “peak amplitude in the regenerated symbol”.

In claim 23, line 2, “preprocessed data” has been changed to “the preprocessed data”.

In claim 24, lines 9 and 11, “the peak amplitude” and “and a” have been changed to “a peak amplitude” and “a”, respectively.

In claim 25, line 4, “stages” has been changed to “corresponding stages”; line 5, “transforming” has been changed to “inverse Fourier transforming”; line 7, “the peak amplitude” has been changed to “a peak amplitude”; and lines 9-11, the phrase “and

carrying out subsequent intermediate processing stages and the transforming the amended intermediate data” has been changed to “carrying out subsequent intermediate processing stages on the amended intermediate data to regenerate preprocessed data, inverse Fourier transforming the regenerated preprocessed data to obtain a regenerated symbol, and replacing the symbol with the regenerated symbol”.

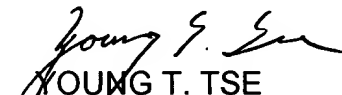
In claim 26, line 3, “stages” has been changed to “corresponding stages”; lines 4-5, “transforming the preprocessed data to obtain a symbol data stream of symbols” has been changed to “inverse Fourier transforming the preprocessed data to obtain a symbol data stream”; line 6, “the symbols” has been changed to “a symbol”; line 8, “the peak amplitude of the symbol” has been changed to “a peak amplitude of the stored symbol”; lines 10-11, the phrase “carrying out subsequent intermediate processing stages and transforming the amended intermediate data” has been changed to “carrying out subsequent intermediate processing stages on the amended intermediate data to regenerate preprocessed data, inverse Fourier transforming the regenerated preprocessed data”; and line 14, “the symbols” has been changed to “the symbol”.

In claim 27, lines 9 and 11, “the peak amplitude” and “and a” have been changed to “a peak amplitude” and “a”, respectively.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to YOUNG T. TSE whose telephone number is (571) 272-3051. The examiner can normally be reached on Monday-Thursday and alternative Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jay Patel can be reached on (571) 272-2988. The Central FAX Number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


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